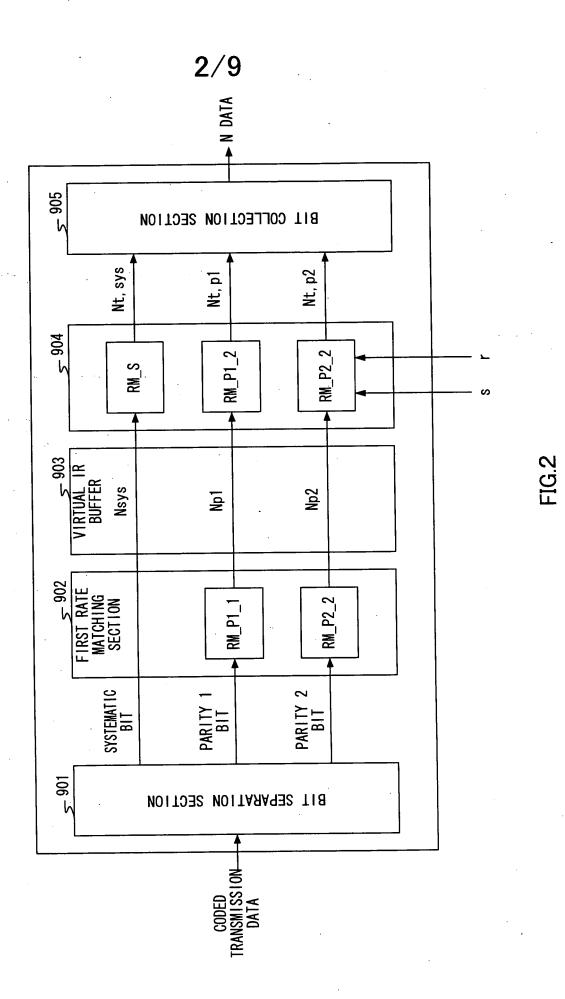


FIG.1



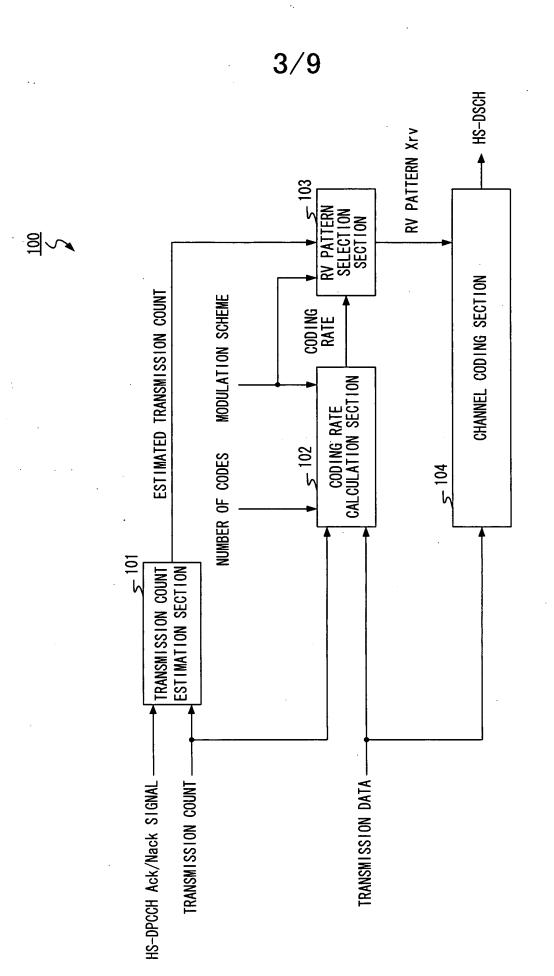


FIG.3

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	CODING RATE x2<=x<=1	RV_c_T1	RV_c_T2	• •	RV_c_TN
RV PARAMETER	CODING RATE x1<=x2	RV_b_T1	RV_b_T2		RV_b_TN
	CODING RATE 0<=x<=x1	RV_a_T1	RV_a_T2		RV_a_TN
CCTIMATED	RECEPTION COUNT	_	2		Z

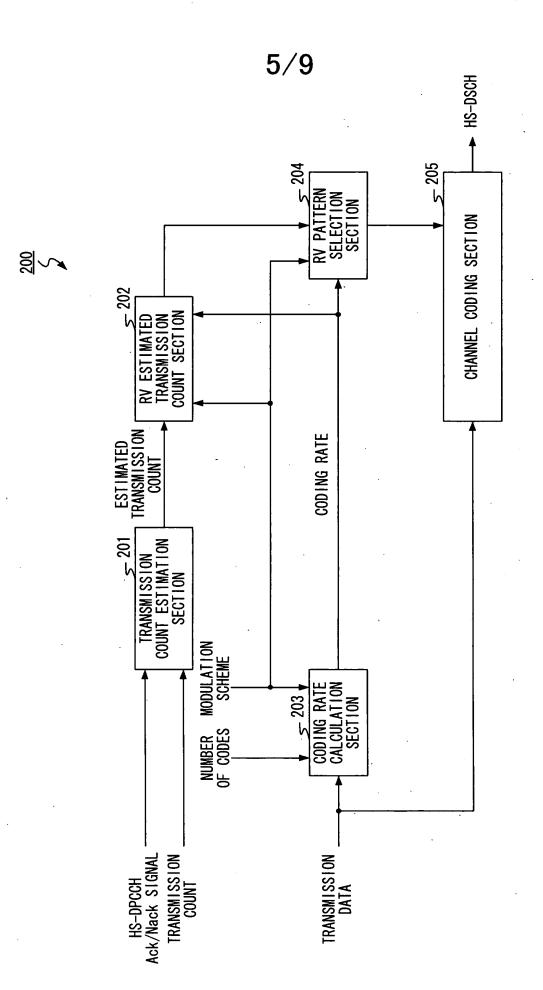


FIG.5

	r - r		·			г		<u> </u>						_
	CODING RATE y2 <x<=1< td=""><td>0</td><td></td><td>CODING RATE y2<x<=1< td=""><td>0</td><td></td><td></td><td>CODING RATE v2<*<=1</td><td>0</td><td>٠</td><td></td><td>CODING RATE</td><td>y2<x<=1< td=""><td>0</td></x<=1<></td></x<=1<></td></x<=1<>	0		CODING RATE y2 <x<=1< td=""><td>0</td><td></td><td></td><td>CODING RATE v2<*<=1</td><td>0</td><td>٠</td><td></td><td>CODING RATE</td><td>y2<x<=1< td=""><td>0</td></x<=1<></td></x<=1<>	0			CODING RATE v2<*<=1	0	٠		CODING RATE	y2 <x<=1< td=""><td>0</td></x<=1<>	0
	16QAM CODING RATE y1 <x<=y2< td=""><td>0</td><td></td><td>16QAM CODING RATE y1<x<=y2< td=""><td>0</td><td></td><td>T 160AW</td><td>CODING RATE</td><td>0</td><td></td><td></td><td>CODING RATE</td><td>$y1\langle x\langle =y2$</td><td>0</td></x<=y2<></td></x<=y2<>	0		16QAM CODING RATE y1 <x<=y2< td=""><td>0</td><td></td><td>T 160AW</td><td>CODING RATE</td><td>0</td><td></td><td></td><td>CODING RATE</td><td>$y1\langle x\langle =y2$</td><td>0</td></x<=y2<>	0		T 160AW	CODING RATE	0			CODING RATE	$y1\langle x\langle =y2$	0
RV ESTIMATED TRANSMISSION COUNT	CODING RATE 0<=x<=y1	0	RV ESTIMATED TRANSMISSION COUN	CODING RATE 0<=x<=y1	0		RV ESTIMATED TRANSMISSION COUNT	CODING RATE	0		RV ESTIMATED TRANSMISSION COUNT	CODING RATE	0<=x<=y1	0
ESTIMATED TRA	CODING RATE x2 <x<=1< td=""><td>0</td><td>ESTIMATED TRA</td><td>CODING RATE x2<x<=1< td=""><td>0</td><td></td><td>ESTIMATED TRA</td><td>CODING RATE</td><td>0</td><td></td><td>/ ESTIMATED TRA</td><td>CODING RATE</td><td>x2<x<=1< td=""><td>-</td></x<=1<></td></x<=1<></td></x<=1<>	0	ESTIMATED TRA	CODING RATE x2 <x<=1< td=""><td>0</td><td></td><td>ESTIMATED TRA</td><td>CODING RATE</td><td>0</td><td></td><td>/ ESTIMATED TRA</td><td>CODING RATE</td><td>x2<x<=1< td=""><td>-</td></x<=1<></td></x<=1<>	0		ESTIMATED TRA	CODING RATE	0		/ ESTIMATED TRA	CODING RATE	x2 <x<=1< td=""><td>-</td></x<=1<>	-
RV	QPSK CODING RATE x1 <x<=x2< td=""><td>0</td><td>RV</td><td>QPSK CODING RATE x1<x<=x2< td=""><td>-</td><td></td><td>RV</td><td>CODING RATE</td><td>2</td><td></td><td></td><td>OPSK CODING RATE</td><td>$x1\langle x \leq x \leq x \rangle$</td><td>2</td></x<=x2<></td></x<=x2<>	0	RV	QPSK CODING RATE x1 <x<=x2< td=""><td>-</td><td></td><td>RV</td><td>CODING RATE</td><td>2</td><td></td><td></td><td>OPSK CODING RATE</td><td>$x1\langle x \leq x \leq x \rangle$</td><td>2</td></x<=x2<>	-		RV	CODING RATE	2			OPSK CODING RATE	$x1\langle x \leq x \leq x \rangle$	2
	CODING RATE 0<=x<=x1	0		CODING RATE 0<=x<=x1	0			CODING RATE	0/-4-1			CODING RATE	0<=x<=x1	0
L	€		<u> </u>	(8)		_		<u></u>		-		=)	

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		CR=1/3			CR=1/2			CR=4/5	
×I.	3GPP [dB]	OPTIMAL RV DII	DIFFERENCE [dB]	3GPP [dB]	OPTIMAL RV [dB]	OPTIMAL RV DIFFERENCE [dB]	3GPP [dB]	OPTIMAL RV [dB]	OPTIMAL RV DIFFERENCE [dB]
_	-11.0	-11.2	0.2	-8.3	-8.5	0.2	-3.5	-3.5	0.0
2	-14.3	-14.8	0.5	-12.9	-12.9	0.0	-8.6	-9.5	6.0
က	-16.6	-16.8	0.2	-14.2	-14.9	L '0	-11.8	-12.1	0.3
4	-18.2	-18.3	0.1	-16.1	-16.3	0.2	-13.4	-13.6	0.2

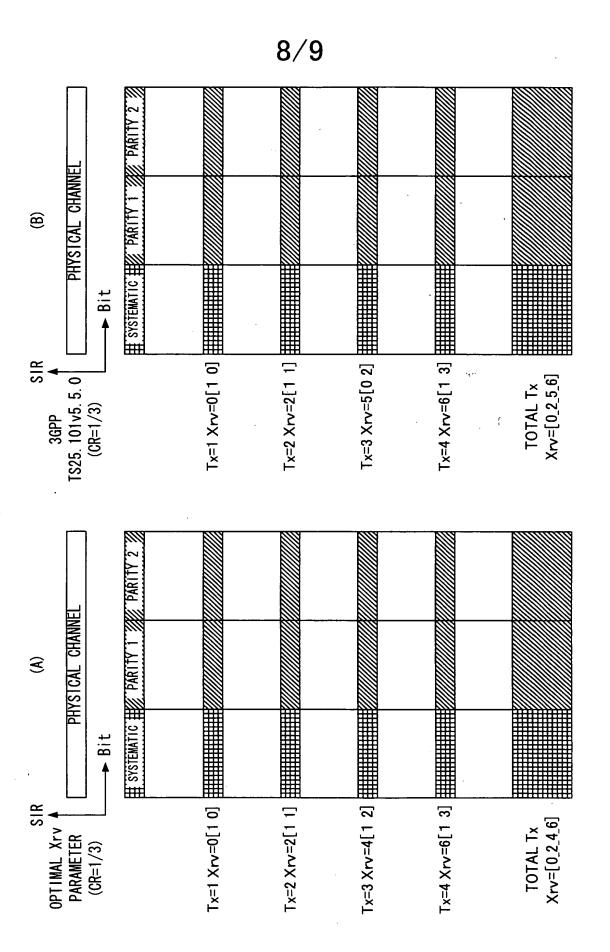


FIG.8

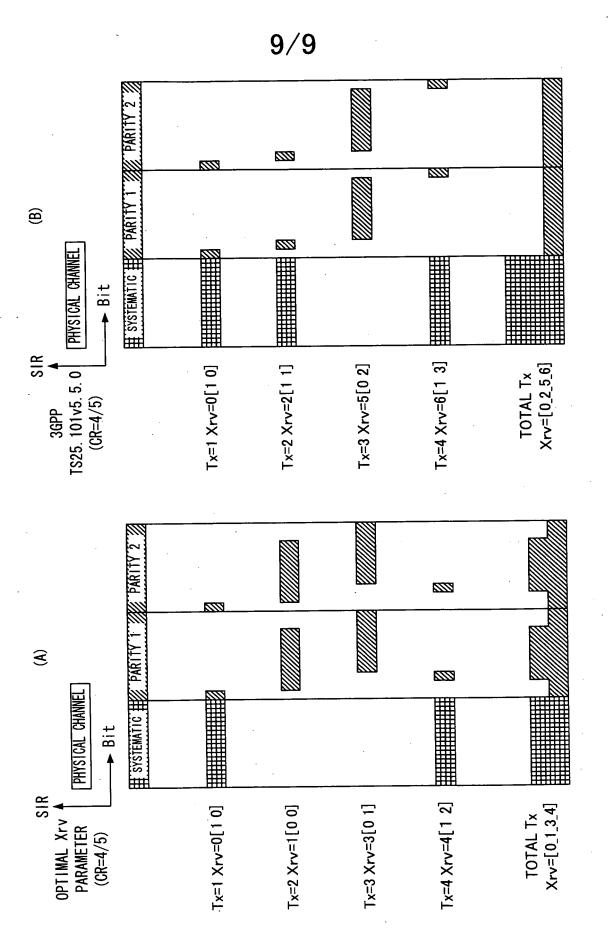


FIG.9